

MCFI On-Line Collaborative Session 2

Grades 3-5

Get a sheet of paper and a marker.

April 15, 2020

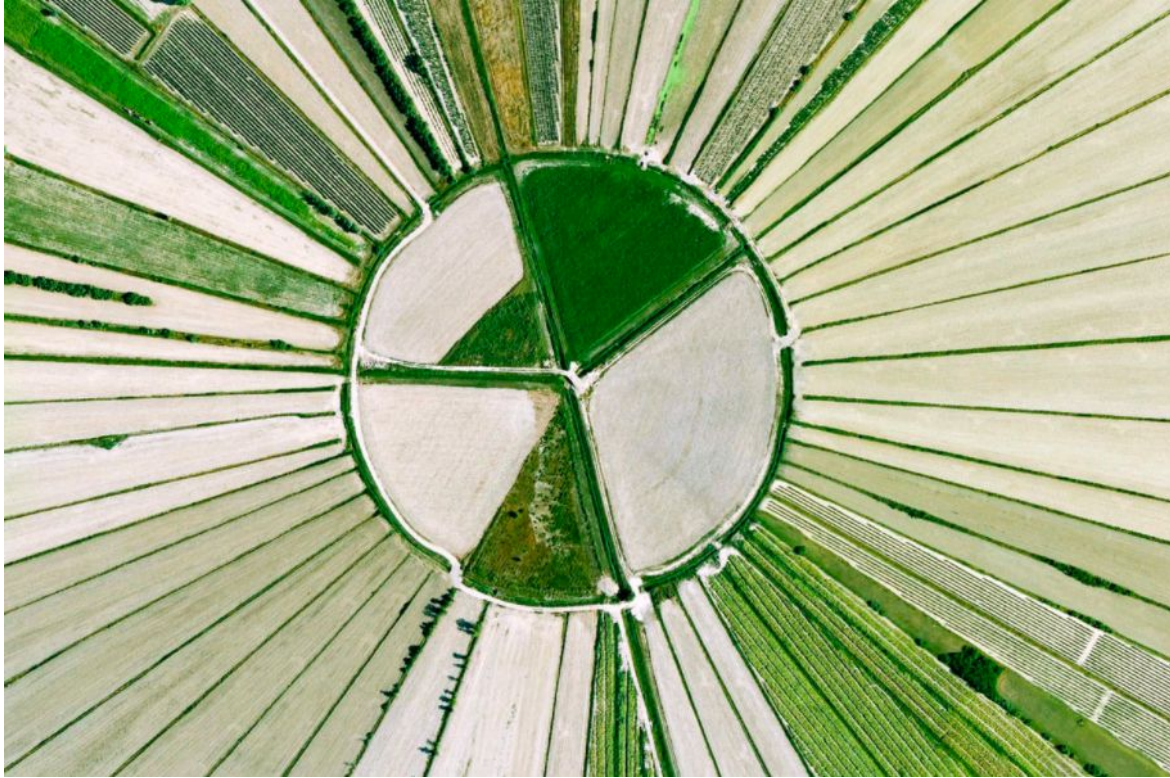
This whole group session is being recorded



Learning Sciences
Research Institute



While we are waiting for teachers to join us...



What's
interesting to
you?

<https://earthview.withgoogle.com/>

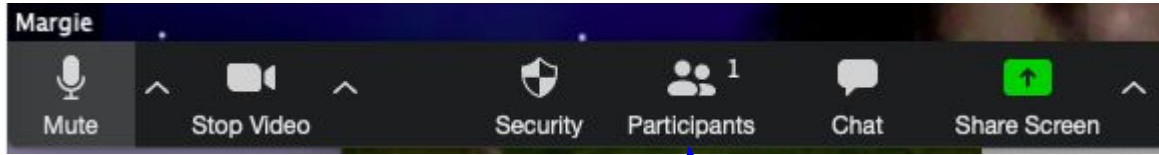
Goals

- Provide a forum for conversation
- Provide opportunities to collaborate
- Share resources and build on the expertise of others

The whole group session is being recorded so that we can share with teachers.



Getting Started - Communication



- Open up **participants** tab to see our group
- Go to **chat** tab to communicate with us

Checking in with a Desmos Survey

Click on the link in chat

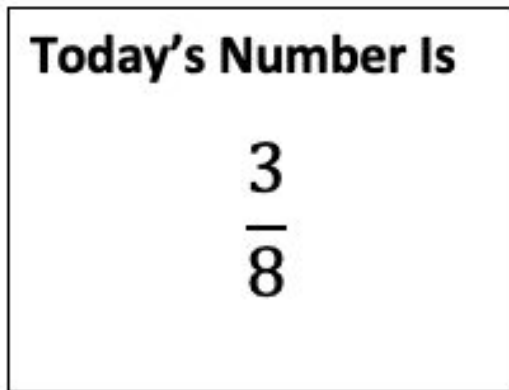
<https://student.desmos.com/?prepopulateCode=76gdwx>

OR

Go to student.desmos.com
and type in:

76G DWX

Student-Centered Routines: Number of the Day



On a sheet of paper:

How many ways can you show $\frac{3}{8}$?

Write a story problem to go with one of your ways to show $\frac{3}{8}$.

Raise your hand in the chat room when you are ready to share.

Hold up your paper.
I will share a gallery view to see everyone's work.

Shared Resources

Let's take a look at the MCMC website:



On your device (computer is preferred), go to our website:

mcmi.uic.edu/category/blog/

Documents for Discussion

Soon you will be asked to join a breakout room to share any resources you have tried since our last session.

Everyone can take notes in your breakout groups. Please click the link in chat to open the Small Group Discussion file.

<https://docs.google.com/document/d/1Sxc24ldU7k0xsnkxVrtGVGWVld81iQa93wfK05Q4giU/edit?usp=sharing>



Breakout Rooms

You are assigned to breakout rooms.

- Group 1
- Group 2
- Group 3
- Group 4.....

● When w



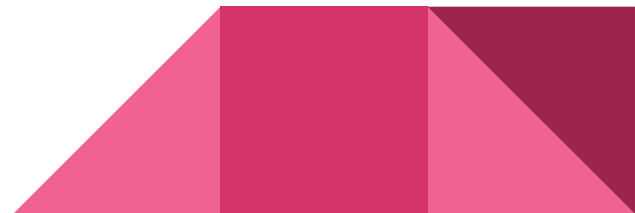
Sharing our Expertise

- What ideas were shared in your breakout group?
- What questions arose?



Some thoughts from Dan Meyer

- **Give students something interesting to think about.** Hopefully mathematical, but maybe not. Hopefully towards grade-level objectives, but let's be realistic about the stresses faced by students, teachers, and parents here.
- **Make connections.** I encouraged the group to make connections from teacher to student, from student to student, and from student ideas to other interesting ideas.



Student Centered Routines - 3 Act Tasks



Silence Your Mic

Let's try out a 3 Act Task

Go to the desmos link shared in chat

<https://student.desmos.com/?prepopulateCode=y4yv5n>

Teacher Resource for this task

<https://teacher.desmos.com/activitybuilder/custom/5e94ca3ff3ea9a0cf6d58375>

3 Act Tasks Resources

<https://docs.google.com/spreadsheets/d/1hc1ReIbdJZbEA3fO6DE457wu4AKOfi6BFxWLRBXO-bA/edit#gid=0>

Sharing from others

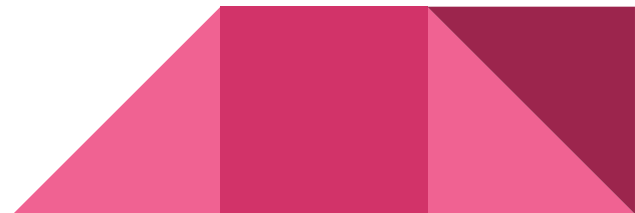
Student Centered Routines:

Math Talks

Geogebra Activities

Choice Menus

Counting Collections



Student Centered Routines - Math Talks

What do you notice?

What do you see?



Student Centered Routines: Geogebra

Explore any of the following links posted in chat.

Visual for Improper fractions <https://www.geogebra.org/m/vxUuhPe6>

Unit fractions <https://www.geogebra.org/m/fxYY32cW>

Fractions on a number line

<https://www.geogebra.org/m/f8xSevfs>

<https://www.geogebra.org/m/ZbtS3ufg>

<https://www.geogebra.org/m/jTTGbHzC>

Fraction Addition

<https://www.geogebra.org/m/jTTGbHzC>

When you are done, share ideas on how to use geogebra

A Parent Perspective

Learner Lift-Ups

Virtual [link](#) sent every morning from the principal to parents' email and to students through Google Classroom

Principal video message

Stories from across grade levels

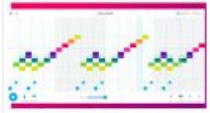

Activities are for all levels and include screen and off screen



Student Centered Routines: Choice Menu

Considerations

- One pager?
- Links visible or embedded?

Devonshire School			Monday, April 6	
5th Grade Choice Board				
Choose at least 2 activities ↓	Choose at least 2 activities ↓	Choose at least 2 activities ↓	Choose at least 1 activity ↓	Choose at least 1 activity ↓
Math	Reading	Writing and Word Study	Science and Social Studies	Specials
<p>Click on this link for five fraction problems:</p> <p>Fractions 4.6</p> <p>OR</p> <p>Mrs. Wheatley's activity (for her students or anyone else):</p> <p>1.2.3.4 Challenge.pdf</p> <p>To show your work, do one of the following: --Take a photo of work on paper.</p>	<p>Respond to Independent Reading</p> <p>You should be reading independently each day, for 20 minutes or more. You can read fiction or nonfiction (an informational article on Newsela or Storyworks is fine, too). Don't forget that you can find ebooks through the Skokie Public Library, and through Epic.</p> <p>Go on Seesaw and tell</p>	<p>Keep a daily journal of what you're doing, thinking, and feeling during this unique time in the world. You can use the Google Slides journal that has been shared with you on Google Classroom or, in your writer's notebook or a spiral.</p> <p>For today's journal writing, take 10 - 15 minutes to follow the prompts in the Google Slides journal. (If you're</p>	<p>This week we'll be focusing on the astronomy topic, the Earth.</p> <p>If you decide to watch any BrainPop videos this week, they are best watched in the order given. Same with the Mystery Science videos.</p> <p>Go to BrainPop and watch the video called "Earth." Afterward, take the quiz. Choose "Graded Quiz," and post a</p>	<p>MUSIC</p> <p>Google Chrome song Maker</p>  <p>Go to your MUSIC seesaw activity library and click on the Google Chrome song maker. Complete the activity! Looking forward to hearing your creations.</p> 

<https://drive.google.com/open?id=1zep1wHRilu6TWKqBWfGHDr7ey3PRPafu>

Student Centered Routines: Counting Collections

sample

Guess 90

Total 124



$$10+10+10+10+10+10+10+10+10+10+10+10+4=124$$

Bonus: $124-90=34$

I was 34 away.

My collection is 24 over 100.

<https://www.dropbox.com/s/hwod53kewtjne4d/Video%20%2812%29.MOV?dl=0>

Student Centered Routines: Counting Collections

Counting Collections



You can use anything in your home that you have available.

Some suggested items are:

Buttons

Dried beans/pasta/popcorn kernels,

Cotton balls/Qtips

Paperclips

Markers/pens/crayons/pencils

Craft supplies such as beads or craft sticks

Coins

Legos

Puzzle pieces

Pretzels/Goldfish

Toy cars

Cards

On the next slide,

1. Write your guess.
2. Count your collection and write the total number of items.
3. Take a picture of your collection.
4. Write the number sentence that matches your collection.
5. Explain how you counted your collection.

Session 2 Reflection

Please go to the google form link in chat to share your insights.

<https://forms.gle/YqrY9VWAu65xFgVw9>



MCMI Distance Learning Session 2 Reflection

Thank you for joining us today. Please take a moment to reflect on today's session. Any thoughtful feedback will help us to plan our next session.

Session Attended:

- Tuesday, April 14 (K-2)
- Wednesday, April 15 (G3-5)
- Thursday, April 16 (G6-HS)

Grade Level/Course/Role

Your answer _____